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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Irene Mary Horne, et al.
U.S. Serial No. : Not Yet Known (national stage of PCT
International Application No.
PCT/AU2003/000951)
Filed : Herewith
For : EXPRESSION SYSTEM

1185 Avenue of the Americas
New York, New York 10036
January 25, 2005

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In order to ensure compliance with applicants' duty of disclosure under 37 C.F.R. §1.56 and §1.97(a)-(d), applicants request that the following documents be considered and made of record in the above-identified which is listed on Form PTO-1449 (Exhibit A).

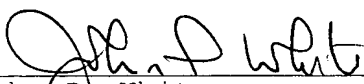
1. Blaudeck, N., et al., Genetic Analysis of Pathway Specificity during Posttranslational Protein Translocation across the *Escherichia coli* Plasma Membrane, *Journal of Bacteriology*. (May 2003) 185(9): 2811-2819 (Exhibit 1 hereto);
2. Gérard, F., et al., Export of *Thermus thermophilus* Cytoplasmic β -Glycosidase via the *E. coli* Tat Pathway, *J. Mol. Microbiol. Biotechnol.* (2002), 4(6):533-538 (Exhibit 2 hereto);

3. POP, O., et al., The Twin-arginine Signal Peptide of PhoD and the TatA_d/C_d Proteins of *Bacillus subtilis* Form an Autonomous Tat Translocation System, *The Journal of Biological Chemistry*. (February 1, 2002), 277(5):3628-3273 (Exhibit 3 hereto);
4. Yang, H., et al., Evolution of an organophosphate-degrading enzyme: a comparison of natural and directed evolution, *Protein Engineering*. (2003), 16(2): 135-145 (Exhibit 4 hereto); and
5. International Search Report issued by the International Searching Authority issued November 4, 2003 in connection with related International Application No. PCT/AU2003/000951 (Exhibit 5 hereto).

Copies of documents number 1-5 are attached hereto as Exhibits 1-5 respectively.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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1

of

1

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Application Number

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Herewith

First Named Inventor

Irene Mary Horne

Art Unit

Examiner Name

Attorney Docket Number

0763/73748/JPW/JL

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BLAUDECK, N., et al., Genetic Analysis of Pathway Specificity during Posttranslational Protein Translocation across the <i>Escherichia coli</i> Plasma Membrane, <i>Journal of Bacteriology</i> , (May 2003), 185(9): 2811-2819;	
		GÉRARD, F., et al., Export of <i>Thermus thermophilus</i> Cytoplasmic β -Glycosidase via the <i>E. coli</i> Tat Pathway, <i>J. Mol. Microbiol. Biotechnol.</i> , (2002), 4(6): 533-538;	
		POP, O., et al., The Twin-arginine Signal Peptide of PhoD and the TatA ₄ /C ₄ Proteins of <i>Bacillus subtilis</i> Form an Autonomous Tat Translocation System, <i>The Journal of Biological Chemistry</i> , (February 1, 2002), 277(5): 3268-3273;	
		YANG, H., et al., Evolution of an organophosphate-degrading enzyme: a comparison of natural and directed evolution, <i>Protein Engineering</i> , (2003), 16(2): 135-145;	
		International Search Report issued by the International Searching Authority issued November 4, 2003 in connection with related International Application No. PCT/AU2003/000951.	

Examiner
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Exhibit A